

CLAIMS

What is claimed is:

1. A print head comprising:

a slot received in a substrate and having a central region and one or more terminal regions, the slot extending along a long axis that extends through at least a portion of the central region and the one or more terminal regions, the central region extending, at least in part, along a pair of sidewalls, and individual terminal regions being defined by a terminal sidewall at least a portion of which extends away from both sidewalls of the central region.

2. The print head of claim 1, wherein the one or more terminal regions comprises two terminal regions.

3. The print head of claim 2, wherein portions of each of the terminal regions extend away from both sidewalls of the central region.

4. The print head of claim 1, wherein individual sidewalls of the pair of sidewalls are generally parallel to one another.

5. The print head of claim 1, wherein at least a portion of the terminal sidewall is generally perpendicular to both sidewalls of the central region.

6. The print head of claim 1, wherein at least a portion of the terminal

sidewall extends arcuately away from both sidewalls of the central region when viewed from above a first substrate surface.

7. The print head of claim 1, wherein individual terminal regions are generally circular when viewed from above a first substrate surface.

8. The print head of claim 1, wherein individual terminal regions are generally rectangular when viewed from above a first substrate surface.

9. A print cartridge incorporating the print head of claim 1.

10. A slotted substrate for use in a fluid ejecting device comprising:
a substrate; and,
a slot received in the substrate and having a central region and two or more terminal regions, the central region extending at least in part along a pair of sidewalls, individual terminal regions being defined by a terminal sidewall at least a portion of which extends away from both sidewalls of the central region, wherein the two or more terminal regions are terminally joined with a common sidewall.

11. The slotted substrate of claim 10, wherein at least a portion of an individual terminal sidewall is generally perpendicular to both sidewalls of the central region.

12. A structure comprising:

a substrate extending between a first surface and a generally opposing second surface;

a slot portion received in the substrate and extending along a long axis which is generally parallel to the first and second surfaces, the slot portion having a central region and a pair of terminal regions through which the long axis passes; and,

the central region extending along a pair of sidewalls that lie along individual planes that are generally parallel, the planes defining a space therebetween, and at least one terminal region of the slot portion being defined, at least in part, by one or more sub-regions that lie outside of the space between the planes.

13. The structure of claim 12, wherein the slot portion comprises a slot that extends entirely through the substrate.

14. The structure of claim 12, wherein individual sub-regions lie on opposite sides of the planes.

15. The structure of claim 12, wherein the terminal regions are generally circular when viewed from above the first surface.

16. A print cartridge incorporating the structure of claim 12.

17. A print head comprising:
 - a substrate extending between a first surface and a generally opposing second surface; and,
 - a slot received in the substrate and having a central region and a pair of terminal regions, the central region extending along a pair of sidewalls which extend between the first surface and the second surface and that lie along individual planes that are generally parallel, the planes defining a space therebetween, and at least one terminal region of the slot being defined, at least in part, by one or more sub-regions that lie outside of the space between the planes.
18. A print cartridge incorporating the print head of claim 17.
19. A slotted substrate comprising:
 - a substrate;
 - a slot received in the substrate and extending along a long axis, the slot having a central region and one or more terminal regions through which the long axis extends, the central region extending, at least in part, along a pair of sidewalls, and individual terminal regions being defined by a terminal sidewall at least a portion of which extends away from a sidewall of the central region at an angle of greater than 180 degrees.
20. The slotted substrate of claim 19, wherein the portion of the terminal sidewall is planar.

21. The slotted substrate of claim 19, wherein the portion of the terminal sidewall is arcuate.

22. A print cartridge incorporating the slotted substrate of claim 19.

23. A fluid ejecting device incorporating the slotted substrate of claim 19.